UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory
Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Oil Trust Fund

Sample Collection Date(s)-- 07/08/10

Contact---------- Rich Mayer (6PD-F)

Report Date---------- 07/14/10

Project #---------- 10REG196

Work Order(s)----------1007012
1007013

Analyses included in this report:

LC DOSS

Report Narrative

Sample 1007012-05 (vial A) showed a DOSS value of 431 ug/L (ppb). This sample was rerun with the same result. For confirmation purposes, sample 1007012-05RE1 (vial B) was extracted. DOSS was undetected above the reporting level in vial B. The laboratory is unable to confirm the presence of DOSS in the sample. Due to possible lab error during the extraction process of vial A, the results of vial B are being reported as estimated.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin
Region 6 Laboratory Manager

David Neleigh
Region 6 Laboratory Branch Chief

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund Project Number: 10REG196

Data Management Coordinator: Christy Warren

_____ / /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency

Region 6 Laboratory

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T001-1001-100708-SW-1	1007012-01	Liquid	7/8/10 10:21	07/09/10 09:50
T001-1001-100708-SW-D	1007012-02	Liquid	7/8/10 10:21	07/09/10 09:50
T001-1002-100708-SW-1	1007012-03	Liquid	7/8/10 11:12	07/09/10 09:50
T001-1003-100708-SW-1	1007012-04	Liquid	7/8/10 12:15	07/09/10 09:50
T001-2414-100708-SW-1	1007012-05	Liquid	7/8/10 9:33	07/09/10 09:50
T007-1327-100708-SW-1	1007013-01	Liquid	7/8/10 12:20	07/09/10 15:15
T007-1331-100708-SW-1	1007013-02	Liquid	7/8/10 11:10	07/09/10 15:15
T007-2336-100708-SW-1	1007013-03	Liquid	7/8/10 11:45	07/09/10 15:15
T007-BG01-100708-SW-1	1007013-04	Liquid	7/8/10 8:10	07/09/10 15:15
T007-BG01-100708-SW-2	1007013-05	Liquid	7/8/10 8:10	07/09/10 15:15
T005-1333-100708-SW-1	1007013-06	Liquid	7/8/10 8:45	07/09/10 15:15
T005-2327-100708-SW-1	1007013-07	Liquid	7/8/10 10:35	07/09/10 15:15
T005-2331-100708-SW-1	1007013-08	Liquid	7/8/10 9:50	07/09/10 15:15
T005-2338-100708-SW-1	1007013-09	Liquid	7/8/10 11:05	07/09/10 15:15

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DOSS by LC/MS/MS

Lab ID: 1007012-01 **Station ID: T001-1001-100708-SW-1**

Batch: B0G0903 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 33 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	99.5		88.7	50-150	07/09/10	07/11/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.4	1	07/09/10	07/11/10

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DOSS by LC/MS/MS

Lab ID: 1007012-02 **Station ID: T001-1001-100708-SW-D**

Batch: B0G0903 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 24 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	123		80.0	50-150	07/09/10	07/11/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.2	1	07/09/10	07/11/10

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DOSS by LC/MS/MS

Lab ID: 1007012-03 **Station ID: T001-1002-100708-SW-1**

Batch: B0G0903 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 28 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	112		85.0	50-150	07/09/10	07/11/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/09/10	07/11/10

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DOSS by LC/MS/MS

Lab ID: 1007012-04 **Station ID: T001-1003-100708-SW-1**

Batch: B0G0903 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 31 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	104		87.5	50-150	07/09/10	07/11/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.0	1	07/09/10	07/11/10

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DOSS by LC/MS/MS

Lab ID: 1007012-05RE1 **Station ID: T001-2414-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 30 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	70.1		56.9	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U	J	19.3	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-01 **Station ID: T007-1327-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	174		93.8	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-02 **Station ID: T007-1331-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	160		86.3	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-03 **Station ID: T007-2336-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 27 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	120		87.7	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.3	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-04 **Station ID: T007-BG01-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 24 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	120		77.5	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.2	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-05 **Station ID: T007-BG01-100708-SW-2**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	119		70.8	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-06 **Station ID: T005-1333-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 24 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	107		69.3	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-07 **Station ID: T005-2327-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 26 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	92.2		64.8	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-08 **Station ID: T005-2331-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	125		74.1	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/10/10	07/12/10

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DOSS by LC/MS/MS

Lab ID: 1007013-09 **Station ID: T005-2338-100708-SW-1**

Batch: B0G1001 Date Collected: 07/08/10
Sample Type: Liquid Sample Volume: 18 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	156		75.7	50-150	07/10/10	07/12/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.4	1	07/10/10	07/12/10

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DOSS by LC/MS/MS - Quality Control

Batch: B0G0903 **Sample Type: Liquid**

Blank (B0G0903-BLK1)
Prepared: 7/9/2010 Analyzed: 7/11/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	166		185	89.5	50-150

Blank (B0G0903-BLK1)
Prepared: 7/9/2010 Analyzed: 7/11/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	U		20.0			

LCS (B0G0903-BS1)
Prepared: 7/9/2010 Analyzed: 7/11/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	168		185	90.7	50-150

LCS (B0G0903-BS1)
Prepared: 7/9/2010 Analyzed: 7/11/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	118		20.0	100	118	50-150		

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DOSS by LC/MS/MS - Quality Control

Batch: B0G0903 **Sample Type: Liquid**

Matrix Spike (B0G0903-MS1)

Source: 1007012-03 Prepared: 7/9/2010 Analyzed: 7/11/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	128		142	89.9	50-150

Matrix Spike (B0G0903-MS1)

Source: 1007012-03 Prepared: 7/9/2010 Analyzed: 7/11/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	81.0		19.2	76.9	U	105	50-150		

Matrix Spike Dup (B0G0903-MSD1)

Source: 1007012-03 Prepared: 7/9/2010 Analyzed: 7/11/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	98.9		119	82.8	50-150

Matrix Spike Dup (B0G0903-MSD1)

Source: 1007012-03 Prepared: 7/9/2010 Analyzed: 7/11/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	69.0		19.4	64.5	U	107	50-150	16.0	30

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DOSS by LC/MS/MS - Quality Control

Batch: B0G1001 **Sample Type: Liquid**

Blank (B0G1001-BLK1)
Prepared: 7/10/2010 Analyzed: 7/12/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	161		185	87.1	50-150

Blank (B0G1001-BLK1)
Prepared: 7/10/2010 Analyzed: 7/12/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	U		20.0			

LCS (B0G1001-BS1)
Prepared: 7/10/2010 Analyzed: 7/12/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	164		185	88.6	50-150

LCS (B0G1001-BS1)
Prepared: 7/10/2010 Analyzed: 7/12/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	111		20.0	100	111	50-150		

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DOSS by LC/MS/MS - Quality Control

Batch: B0G1001 **Sample Type: Liquid**

Matrix Spike (B0G1001-MS1)

Source: 1007013-02 Prepared: 7/10/2010 Analyzed: 7/12/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	164		195	84.3	50-150

Matrix Spike (B0G1001-MS1)

Source: 1007013-02 Prepared: 7/10/2010 Analyzed: 7/12/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	111		19.5	105	U	105	50-150		

Matrix Spike Dup (B0G1001-MSD1)

Source: 1007013-02 Prepared: 7/10/2010 Analyzed: 7/12/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	146		168	87.0	50-150

Matrix Spike Dup (B0G1001-MSD1)

Source: 1007013-02 Prepared: 7/10/2010 Analyzed: 7/12/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	96.8		19.5	90.9	U	106	50-150	13.6	30

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD
R06 Deep H2O Horizon Reporting
Lab: EPA Houston Lab
Lab_State: TX

No: T0001-100405-07/08/10-0564
Lab Address: 10625 Fallstone Rd
Lab_City: Houston
Lab_Zip: 77099

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD	Description
	T001-1001-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	10:21	2	4 C	N	
	T001-1001-100708-SW-D	DOSS	Surface Water	Grab	7/8/2010	10:21	2	4 C	N	
	T001-1002-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	11:12	6	4 C	Y	
	T001-1003-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	12:15	2	4 C	N	
	T001-2414-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	09:33	2	4 C	N	

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		7/9/10		7/9/10				7-9-10			
					1700		Willie H.	1030		7-8-10	2122
		7/9/10		7/9/10	0335			7/9/10	Mark H	7/9/10	9:30
								0930	Sandy Harris		
								7-9-10		7/9/10	9:50
							Mark H	9:50			

Sample Temp: 10C

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CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-07/08/10-0158

AirbillNo.

Contact: Kristie Warr
Phone: 713.985.6636

Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD
	T007-1327-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	12:20	2	4 C	N
	T007-1331-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	11:10	6	4 C	Y
	T007-2336-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	11:45	2	4 C	N
	T007-BG01-100708-SW-1	DOSS	Surface Water	Grab	7/8/2010	08:10	2	4 C	N
	T007-BG01-100708-SW-2	DOSS	Surface Water	Grab	7/8/2010	08:10	2	4 C	N

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Special Instructions:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All		7/8/10		7/9/10	17:00			7-9-10		7/9/10	1456
		7/9/10		7/9/10	8:30			7/9/10	Isaiah Harris	7/9/10	15:15
		7/9/10		7/9/10	1150						
				7/9/10	1455						

Sample Temp: 1°C